



SECRET

## CENTRAL INTELLIGENCE AGENCY

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according to the data furnished by Siemens and Halske and by Mix and Genest.

For the year 1950 orders amounting to 35 million Ostmark are expected at TBN. Definite orders in the neighborhood of five million Ostmark have already been placed by the Ministry of the Interior of the Eastern Zone. Further orders up to 30 million Ostmark will be placed by the Russians, including principally field telephone installations, field telephones, portable switchboards (Vermittlungsschränke). TBN is going to set up a machine for stamping out telephone casings.

The personnel of TBN is to be increased at the beginning of the year to 2,000 men.

TBN belongs to the SAG "Kabel" and is directly affiliated with the OSW. In January 1950, NEF is also to be affiliated with OSW.

At the beginning of the year there is to be a reorganization of the SAG which has in view removing parts of the factory to other locations but without the personnel. At present the Russians are examining the machine records.

Part 8 - Manufacture and Development at the Oberspreewerke

1. While in the years 1946, 1947 and 1948 some five million marks were allotted for developmental work, in 1949 only three million were made available for this purpose. For 1950 the Russians want to allot only 1.5 million Ostmark. The remaining 1.5 million is, in agreement with the Russians, to be contributed by the DMK.
2. For the year 1950 the following developmental projects are proposed:
  - (1) The further development of a clystron for 0.8 cm. (This is the continuation of developmental work which was done by Dr. Oertel who has left the concern.
  - (2) Anode control tubes for 7 cm. wave lengths.
  - (3) Wattmeters.
  - (4) Cymometers.
  - (5) Measuring lines.
  - (6) "Messenger" and impedance meters for 1 cm wave length.
  - (7) Thermo-elements on the silicium-graphite base.
  - (8) Detectors and transistors on the Germanin-Silicium base. (There will be difficulties encountered here since, though the production of "Silicium-Einkristallen" is possible, the production of Germanin is not yet possible. Besides, there is a lack of the raw material in the Russian Zone. Belgium and Russia will not make deliveries, and the German copper-pyrites from Mansfeld, with a Germanin content (?) of only 5%, is insuitable. An attempt will be made to obtain the raw material from Belgium through middlemen.
  - (9) Remote-controlled capacitors in all sizes.
  - (10) Ultra-sound generators in all sizes suitable to the present state of development and, beyond that, further development.
  - (11) Wireless receiver and transmitter apparatus for wave lengths from 0.7 to 5 m.
  - (12) Oscillograph for decimeter waves.
  - (13) Non-periodic deflecting circuits for oscillography with running-time counters.
  - (14) UKW relay stations.
  - (15) Apparatus for color television.
  - (16) Further development of portable television receivers and transmitters.
  - (17) Research work and further development of television for higher image-point numbers. At present 625 to 630 image-points are in use.
3. The former AEG factory in Kleppelsdorf, Thuringia, has cancelled its super tube ("Superröhren") orders as the prices were too high. Switzerland is said to be able to deliver the very same tube types at much lower prices. OSW must now put the entire production into stock. Thereby the already

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swollen inventories will be further increased, amounting to six million Ostmark. While the stocks of unsaleable tubes are thus going up, the money needed for wages is lacking.

4. By order of the Russians, employees of the OSW examined the production methods and operation of the RFT Erfurt, a former Telefunken establishment. The two-day examination turned up the following: Production still has a rejection rate of 50%. Highly-skilled technicians are not available at the works. Above all, there is a lack of skilled foremen, master workmen and factory engineers, because the chief positions are filled by party functionaries. In place of cooperation under a unified direction, there are various collective groups which decide on production methods and production programs within their departments according to party-ideological points of view. The quota of the plant is being filled but only through a deterioration of quality. In place of coordinated and concentrated production program, an attempt is being made to produce a variety of apparatus in the field of high frequency technique, and developmental work is undertaken without the necessary consideration of the economic aspects. It is felt that neither the technical director, Dr. Heinze (Heinzelman?) nor the factory chief StBassel, who was originally appointed production chief of the OSW, are capable of overcoming the difficulties. The personnel amounts to 2,000 men.

5. Following are some of the tube types from the production program of the OSW and their prices:

Tube Type	Prices	
	Planned prices for the Russians	Prices for German Consumers
6 J 5	20	28
6 A L 7	23	-
6 S K 7	20	25
6 A G 7	23	47
6 A L 4/C L 4	19	22
6 E 5	22	33
6 S C 7	19	30
A G 1006	40	50
5 D 21	280	570
L V 3	50	-
T S 41	250	300
Stabl 150/40	20	24
280/40	15	43
280/80	22	43
H B O 200	100	160
500	240	240
1000	260	280
Spektral	60	97
Neon	99	99